

Contents of volume 24, 1993

- Abarca D → Claros MG
 Abel WO → Ye F
 Adam AC → Polaina J
 Aho SA → Vainio AEI
 Alberghina L → Popolo L
 Alvarez MI → Campuzano V
 Apolinario E, Nocero M, Jin M, Hoffman CS: Cloning and manipulation of the *Schizosaccharomyces pombe his7⁺* gene as a new selectable marker for molecular genetic studies 491
 Araya A → Zanolungo S
 Aufauvre-Brown A, Tang CM, Holden DW: Detection of gene-disruption events in *Aspergillus* transformants by polymerase chain reaction direct from conidiospores 177
- Backlund JE, Szabo LJ: Physical characteristics of the genome of the phytopathogenic fungus *Puccinia graminis* 89
 Ballance DJ → Boddy LM
 Bannerot H → Hervieu F
 Baranowska H → Suszek W
 Barreau C → Bergès T
 Barreau C → Boddy LM
 Barreau C → Javerzat JP
 Bégu D → Zanolungo S
 Bekkaoui F, Nadin-Davis SA, Crosby WL: Isolation and structure of an acetolactate synthase gene from *Schizosaccharomyces pombe* and complementation of the *ilv2* mutation in *Saccharomyces cerevisiae* 544
 Bendich AJ: Reaching for the ring: the study of mitochondrial genome structure 279
 Bergès T → Boddy LM
 Bergès T, Barreau C, Peberdy JF, Boddy LM: Cloning of an *Aspergillus niger* invertase gene by expression in *Trichoderma reesei* 53
 Bernhardt J → Ye F
 Bhairi S → Xuei X
 Boddy LM → Bergès T
 Boddy LM, Bergès T, Barreau C, Vainstein MH, Dobson MJ, Ballance DJ, Peberdy JF: Purification and characterisation of an *Aspergillus niger* invertase and its DNA sequence 60
 Böger P → Scherer S
 Bömmers D, Habershausen G, Zetsche K: A large deletion in the plastid DNA of the holoparasitic flowering plant *Cuscuta reflexa* concerning two ribosomal proteins (*rpl2*, *rpl23*), one transfer RNA (*trnl*) and an ORF 2280 homologue 171
 Bonnard G → Gonzalez DH
 Brandt P, Unseld M, Eckert-Ossenkopp U, Brennicke A: An *rps14* pseudogene is transcribed and edited in *Arabidopsis* mitochondria 330
 Brasier CM → Charter NW
 Brennicke A → Brandt P
 Brown GG → Singh M
 Buck KW → Charter NW
- Calderson IL → Martin-Rendon E
 Campuzano V, del Valle P, de Vicente JJ, Eslava AP, Alvarez MI: Isolation, characterization and mapping of pyrimidine auxotrophs of *Phycomyces blakesleeana* 515
 Carmichael JP → Soni R
 Cavadini P → Popolo L
 Chae S-K, Kafer E: *uvr1* mutants defective in UV mutagenesis define a fourth epistatic group of *uvr* genes in *Aspergillus* 67
 Charbonnier L → Hervieu F
 Charter NW, Buck KW, Brasier CM: De novo generation of mitochondrial DNA plasmids following cytoplasmic transmission of a degenerative disease in *Ophiostoma novo-ulmi* 505
 Chernoff YO, Derkach IL, Inge-Vechtomov SG: Multicopy *SUP35* gene includes de novo appearance of *psi*-like factors in the yeast *Saccharomyces cerevisiae* 268
 Chevallier M-R → Sychrová H
 Ciriacy M → Löhring C
 Clair DAS → Francis DM
 Claros MG, Abarca D, Fernández-Lobato M, Jiménez A: Molecular structure of the *SWA2* gene encoding an AMY-1-related α -amylase from *Schwanniomyces occidentalis* 75
 Clegg MT → Morton BR
 Clutterbuck AJ → Gems DH
 Coe JGS → Gurvitz A
 Crosby WL → Bekkaoui F
 Culotta V → Lapinskas P
- Dawes IW → Gurvitz A
 Debets AJM → Fekete C
 de Graaff LH → Flippin MJA
 de Graaff LH → Witteveen CFB
 de Vicente JJ → Campuzano V
 del Castillo L → Polaina J
 del Valle → Campuzano V
 Derkach IL → Chernoff YO
 Deschenes RJ → Guan K
 Desjardins AE → Hohn TM
 Di Pietro A → Lorito M
 Dickinson MJ, Zhang R, Pryor A: Nucleotide sequence relationships of double-stranded RNAs in flax rust, *Melampsora lini* 428
 Dobson MJ → Boddy LM
 Dujon B → Vahrenholz C
 Durand N, Reymond P, Fèvre M: Randomly amplified polymorphic DNAs assess recombination following an induced parasexual cycle in *Penicillium roqueforti* 417
 Durand S → Morosoli R
- Eckert-Ossenkopp U → Brandt P
 Egel R: Reorientation of the distal region in linkage group IIR of fission yeast 179
 Eslava AP → Campuzano V
- Fabry S, Jacobsen A, Huber H, Palme K, Schmitt R: Structure expression, and phylogenetic relationships of a family of *ypt* genes encoding small G-proteins in the green alga *Volvox carterii* 229
 Fagerström → Vainio AEI
 Farfán MJ → Martin-Rendon E
 Farh L → Guan K
 Farkašová J: Sequence analysis of a *Papaver somniferum* L. mitochondrial DNA fragment promoting autonomous plasmid replication in *Saccharomyces cerevisiae* and *Kluyveromyces lactis* 366
 Fekete C, Nagy R, Debets AJM, Hornok L: Eletrophoretic karyotypes and gene mapping in eight species of the *Fusarium* sections *Arthrosporiella* and *Sporotrichiella* 500
 Fernández-Lobato M → Claros MG
 Fessing MY → Saveliev SV
 Fèvre M → Durand N
 Finnegan PM → Payne MJ
 Flippin MJA, van Heuvel M, van der Veen, P, Visser J, de Graaf LH: Cloning and characterization of the *abfB* gene coding for the major α -L-arabinofuranosidase (ABF B) of *Aspergillus niger* 525
 Francis DM, Clair DAS: Outcrossing in the homothallic oomycete, *Pythium ultimum*, detected with molecular markers 100
 Francisci S → Grisanti P
- Gems DH, Clutterbuck AJ: Co-transformation with autonomously-replicating helper plasmids facilitates gene cloning from an *Aspergillus nidulans* gene library 520
 Gonzalez DH, Bonnard G, Grienenberger J-M: A gene involved in the biogenesis of c-type cytochromes is co-transcribed with a ribosomal protein gene in wheat mitochondria 248
 Grienenberger J-M → Gonzalez DH
 Grisanti P, Francisci S, Tataseo P, Palleschi C: Symmetrical transcription in the tRNA region of the mitochondrial genome of *Saccharomyces cerevisiae* 122
 Guan K, Farh L, Marshall TK, Deschenes RJ: Normal mitochondrial structure and genome maintenance in yeast requires the dynamin-like product of the *MGM1* gene 141
 Gull K → Lodder S
 Gurvitz A, Coe JGS, Dawes IW: Use of reporter genes for the isolation and characterisation of different classes of sporulation mutants in the yeast *Saccharomyces cerevisiae* 451
- Habershausen G → Bömmers D
 Haouazine N, Takvorian A, Jubier M-F, Michel F, Lejeune B: The *nad6* gene and the exon d of *nad1* are co-transcribed in wheat mitochondria 533
 Harman GE → Lorito M
 Harrer R, Schwank S, Schüller H-J, Schweizer E: Molecular cloning and analysis of the nuclear gene *MRP-L6* coding for a putative mitochondrial ribosomal

- protein from *Saccharomyces cerevisiae* 136
- Hayes CK → Lorito M
- Hervieu F, Charbonnier L, Bannerot H, Pelletier G: The cytoplasmic male-sterility (CMS) determinant of common bean is widespread in *Phaseolus coccineus* L. and *Phaseolus vulgaris* L. 149
- Hillebrand MHBC → Witteveen CFB
- Hoffman CS → Apolinario E
- Ho'in TM, McCormick SP, Desjardins AE: Evidence for a gene cluster involving trichothecene-pathway biosynthetic genes in *Fusarium sporotrichioides* 291
- Holden DW → Aufaure-Brown A
- Holloway P, Subden RE: The isolation and nucleotide sequence of the pyruvate decarboxylase gene from *Kluyveromyces marxianus* 274
- Hornok L → Fekete C
- Howlett BJ → Plummer KM
- Huber H → Fabry S
- Iborra F: High efficiency transformation of *Kluyveromyces marxianus* by a replicative plasmid 181
- Inge-Vechtsov SG → Chernoff YO
- Ishino-Arao Y → Ono B-i
- Jachymczyk WJ → Suszek W
- Jacobsen A → Fabry S
- Jacquier C → Javerzat JP
- Janitor M, Subik J: Molecular cloning of the *PEL1* gene of *Saccharomyces cerevisiae* that is essential for the viability of *petite* mutants 307
- Janitorová → Mockovčiaková D
- Jank B → Waldherr M
- Janse BJH, Pretorius IS: Expression of the *Klebsiella pneumoniae* pullulanase-encoding gene in *Saccharomyces cerevisiae* 32
- Janse BJH, Steyn AJC, Pretorius IS: Regional sequence homologies in starch-degrading enzymes 400
- Javerzat JP, Jacquier C, Barreau C: Assignment of linkage groups to the electrophoretically-separated chromosomes of the fungus *Podospora anserina* 219
- Jiménez A → Claros MG
- Jin M → Apolinario E
- Jinks-Robertson S → Steele DF
- Jordana X → Zanlungo S
- Joutsjoki VV, Torkkeli TK, Nevalainen KM: Transformation of *Trichoderma reesei* with the *Hormoconis resinae* glucoamylase P (*gamp*) gene: production of a heterologous glucoamylase by *Trichoderma reesei* 223
- Jubier M-F → Hauuazine N
- Kacliková E → Mockovčiaková D
- Kafer E → Chae S-K
- Kaldenhoff R, Russo VEA: Promoter analysis of the *bli-7/eas* gene 394
- Kasuga T, Woods C, Woodward S, Mitchellson K: Heterobasidion annosum 5.8S ribosomal DNA and internal transcribed spacer sequence: rapid identification of European intersterility groups by ribosomal DNA restriction polymorphism 433
- Kinoshita T → Senda M
- Kirjanov GI → Saveliy SV
- Koornneef M → Wolters AMA
- Kopylov AM → Saveliy SV
- Korhola M → Turakainen H
- Korhola MP → Vainio AEI
- Krishnasamy S, Makaroff CA: Characterization of the radish mitochondrial *orfB* locus: possible relationship with male sterility in Ogura radish 156
- Kück U → Walz M
- Kuroiwa T → Uchida H
- Lapinskas P, Ruis H, Culotta V: Regulation of *Saccharomyces cerevisiae* catalase gene expression by copper 388
- Lechner S → Scherer S
- Lejeune B → Hauuazine N
- Lemke PA → Peng M
- Liang-Chong BC → Montelone BA
- Linder P → Stotz A
- Lodder S, Gull K, Wood D: An electrophoretic karyotype of the cultivated mushroom - *Agaricus bisporus* 496
- Löhning C, Rosenbaum C, Ciriacy M: Isolation of the *TYE2* gene reveals its identity to *SWI3* encoding a general transcription factor in *Saccharomyces cerevisiae* 193
- Lorito M, Hayes CK, Di Pietro A, Harman GE: Biolistic transformation of *Trichoderma harzianum* and *Gliocladium virens* using plasmid and genomic DNA 349
- Lukins HB → Payne MJ
- Makaroff CA → Krishnasamy S
- Makoff AJ → Stone PJ
- Maleszka R: Electrophoretic analysis of the nuclear and organellar genomes in the ultra-small alga *Cyanidioschyzon merolae* 550
- Marshall TK → Guan K
- Martin-Rendon E, Farfán MJ, Ramos C, Calderon IL: Isolation of a mutant allele that deregulates the threonine biosynthesis in *Saccharomyces cerevisiae* 465
- Marzluf GA → Xiao XD
- McCormick SP → Hohn TM
- McIntosh EM: MCB elements and the regulation of DNA replication genes in yeast 185
- Meusel MS, Moritz RFA: Transfer of paternal mitochondrial DNA during fertilization of honeybee (*Apis mellifera* L.) eggs 539
- Michaelis G → Vahrenholz C
- Michel F → Hauuazine N
- Mikami T → Senda M
- Mitchelson K → Kasuga T
- Mockovčiaková D, Janitorová V, Zigová M, Kacliková E, Zagulski M: The *ogd1* and *kgd1* mutants lacking 2-oxoglutarate dehydrogenase activity in yeast are allelic and can be differentiated by the cloned amber suppressor 377
- Molnar M, Sipiczki M: Polyploidy in the haplontic yeast *Schizosaccharomyces pombe*: construction and analysis of strains 45
- Montelone BA, Liang-Chong BC: Interaction of excision repair gene products and mitotic recombination functions in yeast 481
- Moritz RFA → Meusel MS
- Morosoli R, Zalce E, Durand S: Secretion of a *Cryptococcus albidus* xylanase in *Pichia stipitis* resulting in a xylan fermenting transformant 94
- Morton BR, Clegg MT: A chloroplast DNA mutational hotspot and gene conversion in a noncoding region near *rbcL* in the grass family (Poaceae) 357
- Müller PP → Stotz A
- Munholland J → Reith M
- Murray JAH → Soni R
- Nadin-Davis SA → Bekkaoui F
- Nagy R → Fekete C
- Nakagami S → Ono B-i
- Nevalainen KM → Joutsjoki VV
- Nocero M → Apolinario E
- Okimoto R, Wolstenholme DR: A tRNA^{Ser} (UCN) gene in *Artemia salina* mitochondrial DNA: a case of mistaken identity 313
- Ono B-i, Ishino-Arao Y, Taniguchi, M: Asd-homothallism of *Saccharomyces cerevisiae*: identification of *asd1-1* as an allele of *sir4* and detection of α -specific suppressors of it 1
- Ono B-i, Takasugi K, Ishino-Arao Y, Yamate K, Nakagami S, Yamane A, Shinoda S: Relationship between chromosomal α -specific suppressors of *sir4-11* and polymorphism of the *HMRa*-bearing fragment 7
- Orlowski M → Schramke ML
- Palleschi C → Grisanti P
- Palme K → Fabry S
- Parish JH → Stone PJ
- Pavlik P, Simon M, Schuster T, Ruis H: The glycerol kinase (*GUT1*) gene of *Saccharomyces cerevisiae*: cloning and characterization 21
- Payne MJ, Finnegan PM, Smooker PM, Lukins HB: Characterization of a second nuclear gene, *AEPI*, required for expression of the mitochondrial *OLI1* gene in *Saccharomyces cerevisiae* 126
- Peberdy JF → Bergès T
- Peberdy JF → Boddy LM
- Pelletier G → Hervieu F
- Peng M, Lemke PA, Singh NK: A nucleotide sequence involved in replicative transformation of a filamentous fungus 114
- Plummer KM, Howlett BJ: Major chromosomal length polymorphisms are evident after meiosis in the phytopathogenic fungus *Leptosphaeria maculans* 107
- Polaina J, Adam AC, del Castillo L: Self-diploidization in *Saccharomyces cerevisiae* *kar2* heterokaryons 369
- Popolo L, Cavadini P, Vai M, Alberghina L: Transcript accumulation of the *GGPI* gene, encoding a yeast GPI-anchored glycoprotein, is inhibited during arrest in the G₁ phase and during sporulation 382
- Pratje E → Vahrenholz C

- Pretorius IS → Janse BJH
 Pryor A → Dickinson MJ
- Quiñones V → Zanolungo S
- Radford A → Stone PJ
 Ragnini A → Waldherr M
 Ramos C → Martin-Rendon E
 Reith M, Munholland J: The ribosomal RNA repeats are non-identical and directly oriented in the chloroplast genome of the red alga *Porphyra purpurea* 443
 Reymond P → Durand N
 Riemen G → Vahrenholz C
 Rosenbaum C → Löhning C
 Ruis H → Lapinskas P
 Ruis H → Pavlik P
 Russo VEA → Kaldenhoff R
- Sato N → Uchida H
 Saveliev SV, Fessing MY, Kopylov AM, Kirjanov GI: 'Phase variation'-type regulation of gene expression and gene replacement mediated by *FLP* recombinase in the yeast *Saccharomyces cerevisiae* 26
 Schaaff-Gerstenschläger I, Zimmermann FK: Pentose-phosphate pathway in *Saccharomyces cerevisiae*: analysis of deletion mutants for transketolase, transaldolase, and glucose 6-phosphate dehydrogenase 373
 Schaap PJ → Witteveen CFB
 Scherer S, Lechner S, Böger P: *psbD* sequences of *Bumilleriopsis filiformis* (Heterokontophyta, Xanthophyceae) and *Porphyridium purpureum* (Rhodophyta, Bangiophycidae): evidence for polyphyletic origins of plastids 437
 Schmidt H: Effective long range mapping in *Schizosaccharomyces pombe* with the help of *swi5* 271
 Schmitt R → Fabry S
 Schmitz UK → Wegener S
 Schramke ML, Orlowski M: Mitochondrial genome of the dimorphic zygomycete *Mucor racemosus* 337
 Schüller H-J → Harrer R
 Schuster T → Pavlik P
 Schwank S → Harrer R
 Schweizer E → Harrer R
 Senda M, Mikami T, Kinoshita T: The sugar beet mitochondrial gene for the ATPase alpha-subunit: sequence, transcription and rearrangements in cytoplasmic male-sterile plants 164
 Shinoda S → Ono B-i
 Simon M → Pavlik P
 Singh M, Brown GG: Characterization of expression of a mitochondrial gene region associated with the *Brassica* "Polima" CMS: developmental influences 316
 Singh NK → Peng M
 Sipiczki → Molnar M
 Smoker PM → Payne MJ
 Soni R, Carmichael JP, Murray JAH: Parameters affecting lithium acetate-mediated transformation of *Saccharomyces cerevisiae* and development of a rapid and simplified procedure 455
 Staples RC → Xuei X
 Steyn AJD → Janse BJH
 Stone PJ, Makoff AJ, Parish JH, Radford A: Cloning and sequence analysis of the glucoamylase gene of *Neurospora crassa* 205
 Stotz A, Müller PP, Linder P: Regulation of the *ADE2* gene from *Saccharomyces cerevisiae* 472
 Subden RE → Holloway P
 Šubík → Janitor M
 Suszek W, Baranowska H, Zuk J, Jachymczyk WJ: DNA polymerase III is required for DNA repair in *Saccharomyces cerevisiae* 200
 Suzuki M → Yagi S
 Sychrová H, Chevallier M-R: Transport properties of a *C. albicans* amino-acid permease whose putative gene was cloned and expressed in *S. cerevisiae* 487
 Szabo LJ → Backlund JE
- Takasugi K → Ono B-i
 Takvorian A → Haouazine N
 Tang CM → Aufauvre-Brown A
 Taniguchi M → Ono B-i
 Tataseo P → Grisanti P
 Teplý R → Waldherr M
 Torkkeli HT → Vainio AEI
 Torkkeli TK → Joutsjoki VV
 Tudzynski P → Oeser B
 Turakainen H, Naumov G, Naumova E, Korhola M: Physical mapping of the *MEL* gene family in *Saccharomyces cerevisiae* 461
 Tuusa T → Vainio AEI
- Uchida H, Kawano S, Sato N, Kuroiwa T: Isolation and characterization of novel genes which are expressed during the very early stage of zygote formation in *Chlamydomonas reinhardtii* 296
 Unsel M → Brandt P
- Vahrenholz C, Riemen G, Pratje E, Dujon B, Michaelis G: Mitochondrial DNA of *Chlamydomonas reinhardtii*: the structure of the ends of the linear 15.8-kb genome suggests mechanisms for DNA replication 241
 Vai M → Popolo L
 Vainio AEI, Torkkeli HT, Tuusa T, Aho SA, Fagerström BR, Korhola MP: Cloning and expression of *Hormoconis resinae* glucoamylase P cDNA in *Saccharomyces cerevisiae* 38
 Vainstein MH → Boddy LM
 van de Vondervoort PJJ → Witteveen CFB
 van den Broeck HC → Witteveen CFB
 van der Veen P → Flippin MJA
 van Engelenburg FAC → Witteveen CFB
 van Heuvel M → Flippin MJA
 Visser J → Flippin MJA
 Visser J → Witteveen CFB
- Waldherr M, Ragnini A, Jank B, Teplý R, Wiesenberger G, Schweyen RJ: A multitude of suppressors of group II intron-splicing defects in yeast 301
 Walz M, Kück U: Targeted integration into the *Acremonium chrysogenum* genome: disruption of the *pcbC* gene 421
 Wegener S, Schmitz UK: The presequence of cytochrome c₁ from potato mitochondria is encoded on four exons 256
 Wiesenberger G → Waldherr M
 Witteveen CFB, van de Vondervoort PJJ, van den Broeck HC, van Engelenburg FAC, de Graaff LH, Hillebrand MHBC, Schaap PJ, Visser J: Induction of glucose oxidase, catalase, and lactonase in *Aspergillus niger* 408
 Wolstenholme DR → Okimoto R
 Wolters AMA, Koornneef M, Gilissen LJW: The chloroplast and mitochondrial DNA type are correlated with the nuclear composition of somatic hybrid calli of *Solanum tuberosum* and *Nicotiana plumbaginifolia* 260
 Wood D → Lodder S
 Woods C → Kasuga T
 Woodward S → Kasuga T
- Xiao XD, Marzluf GA: Amino-acid substitutions in the zinc finger of NIT2, the nitrogen regulatory protein of *Neurospora crassa*, alter promoter element recognition 212
 Xuei X, Bhairi S, Staples RC, Yoder OC: INF56 represents a family of differentiation-specific genes from *Uromyces appendiculatus* 84
- Yagi S, Yagi-Tanaka K, Yoshioka J, Suzuki M: Expression enhancement of the Tn5 neomycin-resistance gene by removal of upstream ATG sequences and its use for probing heterologous upstream activating sequences in yeast 12
 Yagi-Tanaka K → Yagi S
 Yamane A → Ono B-i
 Yamate K → Ono B-i
 Ye F, Bernhardt J, Abel WO: Genes for ribosomal proteins S3, L16, L5 and S14 are clustered in the mitochondrial genome of *Brassica napus* L. 323
 Yoder OC → Xuei X
 Yoshioka J → Yagi S
- Zagulska M. → Mockováčková D
 Zalce E → Morosoli R
 Zanolungo S, Bégu D, Quiñones V, Araya A, Jordana X: RNA editing of apocytochrome b (*cob*) transcripts in mitochondria from two genera of plants 344
 Zetsche K → Bömmers D
 Zhang R → Dickinson MJ
 Žigová M → Mockováčková D
 Zimmermann FK → Schaaff-Gerstenschläger I
 Zuk J → Suszek W
- Erratum 278
- Indexed in *Current Contents*